

# **URETEC**

**P O L I U R E T A N I**

Azienda soggetta all'attività di direzione e coordinamento della Sicma S.p.A.

**CHOOSE THE BEST COURSE  
FOR YOUR CLEANERS**

**CAST POLYURETHANE CONES:**

**the most efficient solution to wearing problems  
in stock prep and approach flow cleaner systems**

**We produce Cast Polyurethane Replacement Cones that fit with the majority of O.E.M. cleaner systems as:**

- Albia
- Ahlstrom
- Andritz
- Beloit
- Bird
- Celleco
- Cyclotec
- GLV
- Kadant Lamort
- Noss
- Palmac
- Voith

**Guaranteed Fit and Performance**

Every cone exactly fits in the original system and equals the performance and separation efficiency of the original part it replaces.

**Cast polyurethane specifically developed for the liquid cleaners cones**

Cones are subjected to erosive wear by the impurities of solids in the stock.

The combination of its properties makes polyurethane a unique material with many advantages over the rigid plastics and metal in the demanding applications that suffer from erosion-corrosion problems.

**Excellent erosion resistance**

Longer lasting than the stainless steel, injection mold plastics

**Higher thickness**

Polyurethane is cast at a minimum thickness of 10 mm while stainless steel or injection mold plastics are only few mm thick

**Good resistance to hot liquids**

Our Polyether compound allows continuous operating conditions at liquid temperatures up to 85°C

**Excellent chemical resistance**

Compatible with any stock

**High impact resistance**

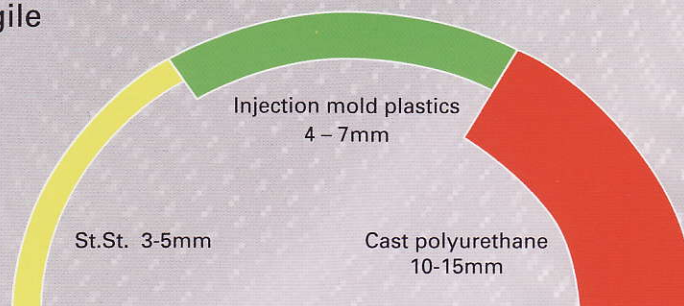
No handling problems, not fragile

**Highest security at leakage**

No need of gaskets

**Hardness ranging from 75 SHA to 60 SHD**

**Wall thickness comparison**

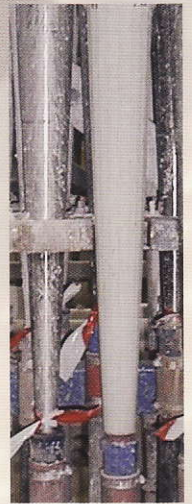




### Save your Stainless Steel upper part

Under extremely abrasive operating conditions, as in recycling applications, severe wear conditions are not limited to the replaceable bottom tip but are extended to the stainless steel top part in zones below the head. When leakage of the stock happens the complete stainless steel cone has to be replaced.

Internal lining of the steel with more wear resistant material would affect the performance of the cleaner due to the reduction of the internal dimensions.



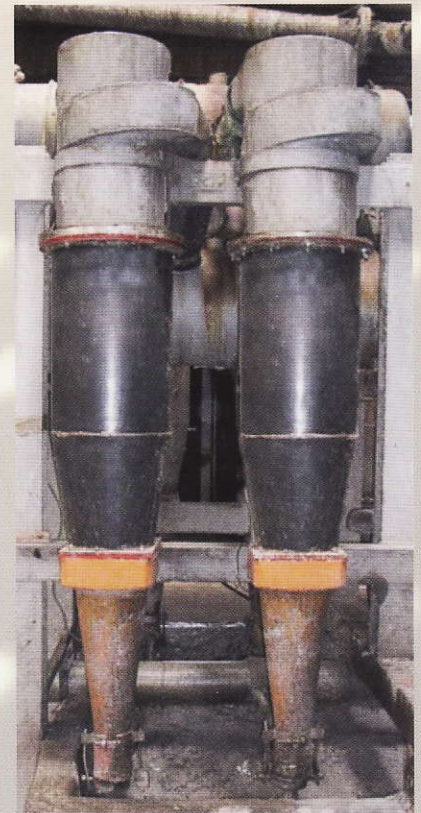
### Effective solution

O.E.M. stainless steel cone cleaner is cut under the head.

A stainless steel flange is welded to the head that will be re-used.

The bottom cut part is replaced by a polyurethane cone with identical internal dimensions but with increased thickness to 10 mm or more. This cone often has an external steel body that provides high rigidity to the part.

The new cone allows a relevant life increase thanks to the higher thickness and to the superior polyurethane corrosion - erosion resistance.





# URETEC

POLIURETANI

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